FORMULAS AND TABLES FOR ARCH BRICK—Continued

Firebrick Arches; Rise, Length, Radius, for Chord of Unity

No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
Rise or Middle Ordinate Decimal of	Logarithm of Rise or Middle Ordinate	Rise or Middle Ordinate Inches per 1 Ft	Arc	Length of Arc	Logarithm of Length of Arc	Radius of Arc	Logarithm of Radius of Arc
v	*logv*	*v*	a, Degrees, Minutes	6 or *c*	log *b* log *c*	*r* or r^f	logr logr'
0.2344	9.3699	2tt	100-28-	1 .	0.0571	0.650	9.8132
0.2396	1	2J	08	14061	4	5	3
0 2400	9.3794		102-24-	1.1466	0.0594	0.641	9.8072
0.2448	9.3888	2«	104-20-	1 .	0.0617	0.633	9.8014
0 2465	0		44	15284	7	0	2
0.2500	9.3979	3	106-15-	1.1591	0.0641	0.625	9.7958
0.2600	4		36	2	3	0	8
0.2604	9.4149		109-53-	1.1715	0.0687	0.610	9.7858
0.2673	7	3|	51	0	4	8	8
0 2700	9.4156		110-04-	1 .	0.0689	0.610	9.7854
0.2708	9.4327	34-	113-45-	1.1853	0.0738	0.597	9.7759
0.2800	0	3S	36	3	4	0	7
0.2813	9.4471		117-25-	1 .	0.0782	0.585	9.7672
0 2821	6		40	19746	6	1	2
0 2900	9		120-30-	1.2110	0	0	9
0.2917	9.4648	3i	121-02-	1.2133	0.0839	0.574	9.7591
0 3000	9		15	6	9	4	9
0 3100	9		127-08-	1	0	0	9
0 3109	9		127-30-	1	0	0	9
0.3125	9.4948	3f	128-01-	1.2428	0.0944	0.556	9.7452
0 3200	5		18	9	3	3	7
0 3300	9		134-19-	1	0	0	9
0.3333	9 .	4	134-^5-	1.2739	0.1051	0.541	9.7337
0.3341	52288		44	5	5	7	3
0 3400	9		136-51-	1	0	0	9
0 3500	9		139-58-	1	0	0	9
0.3541	9.5492	4i	141-13-	1.3065	0.1161	0.530	9.7243
0.3600	1		56	0	1	1	1